09237070 "27TNOd"

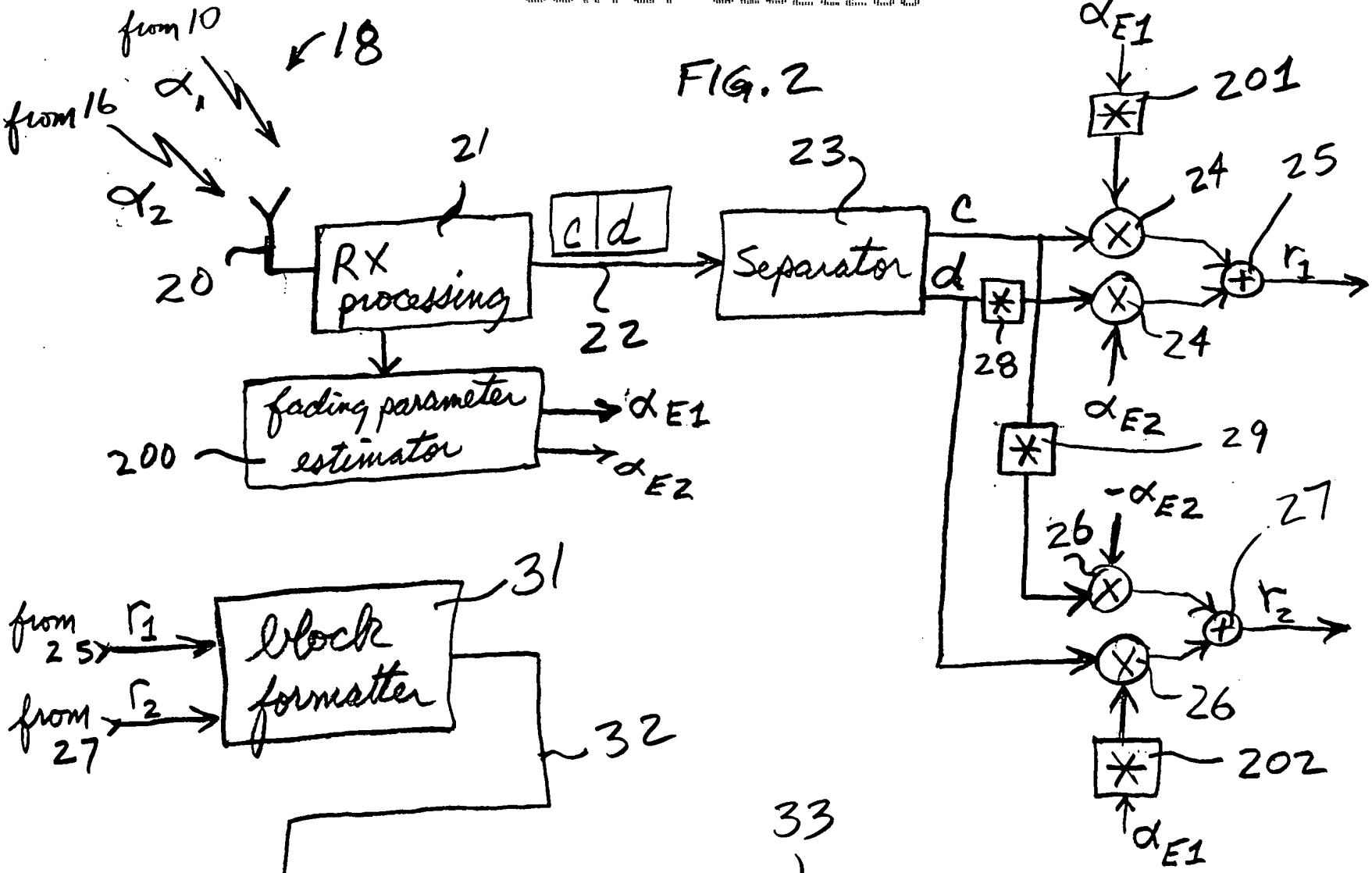

FIG. 2

FIG. 3

09237070 "0ZT2F"

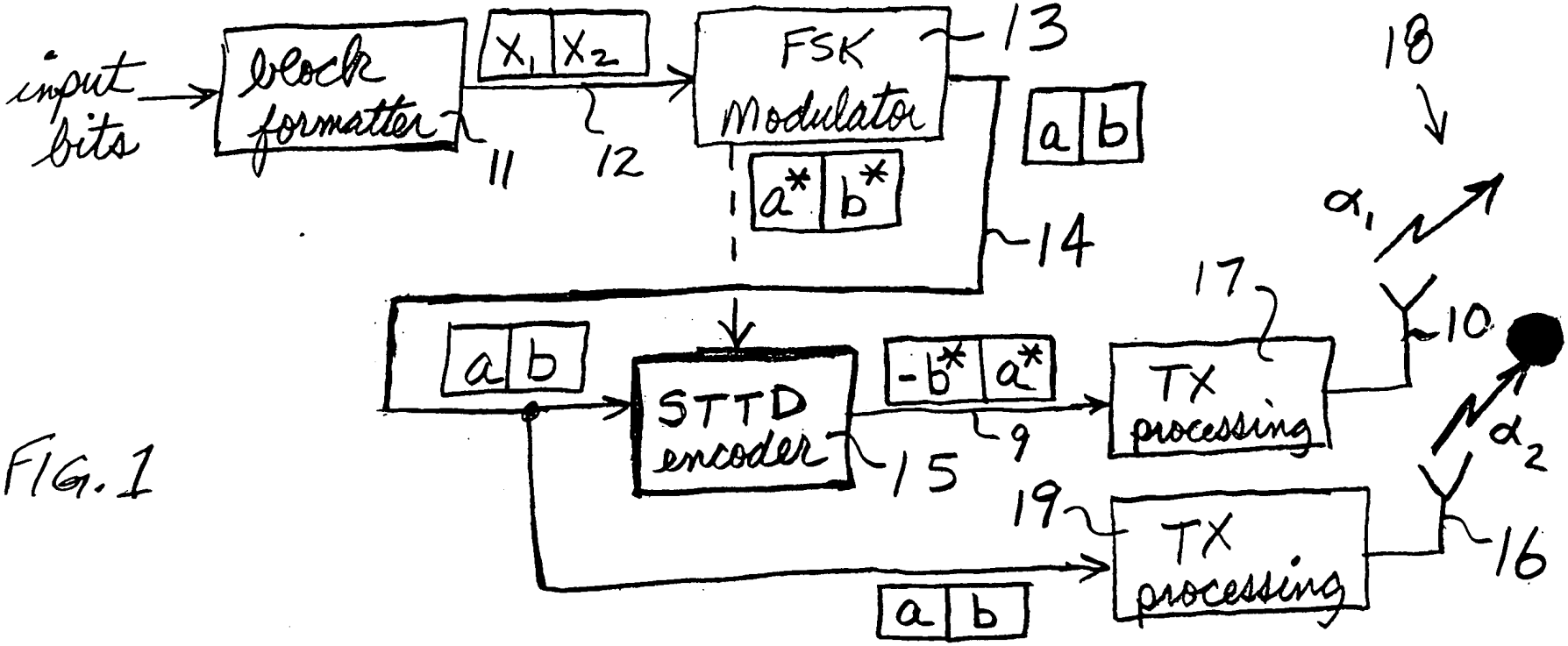

FIG. 1

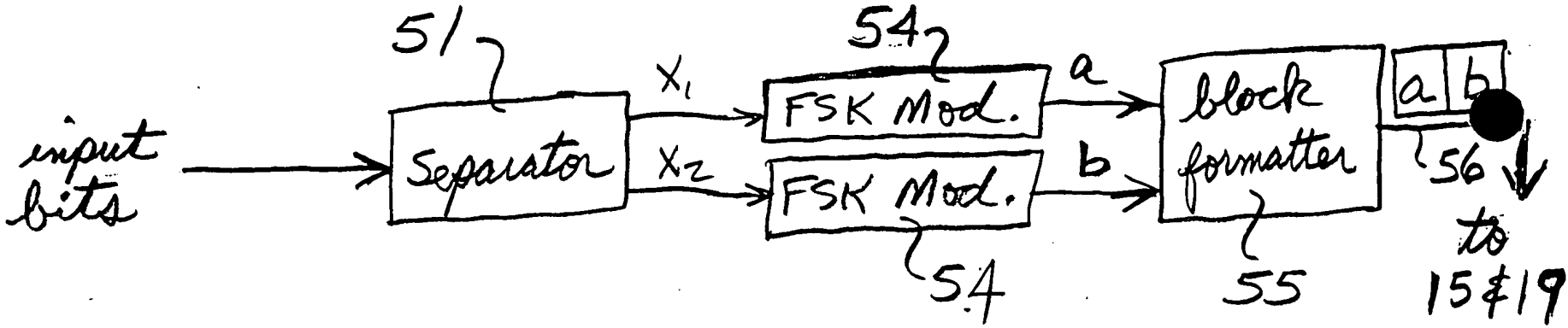

FIG. 5

DOCKET: 020260

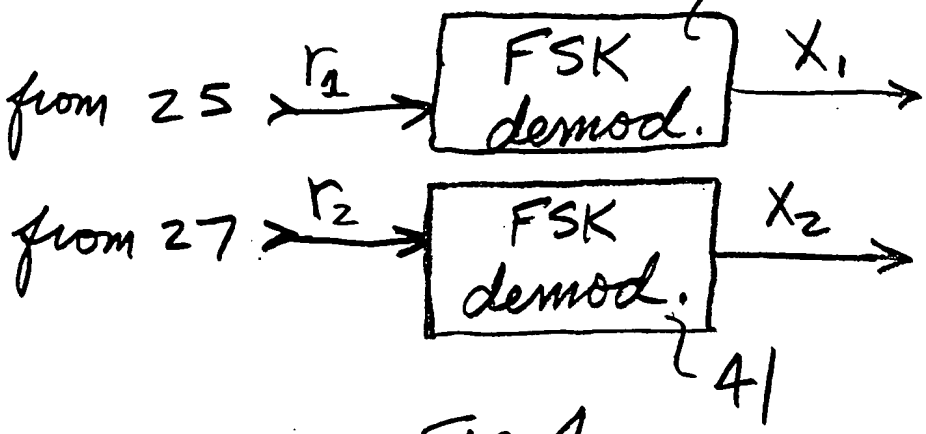

FIG. 4

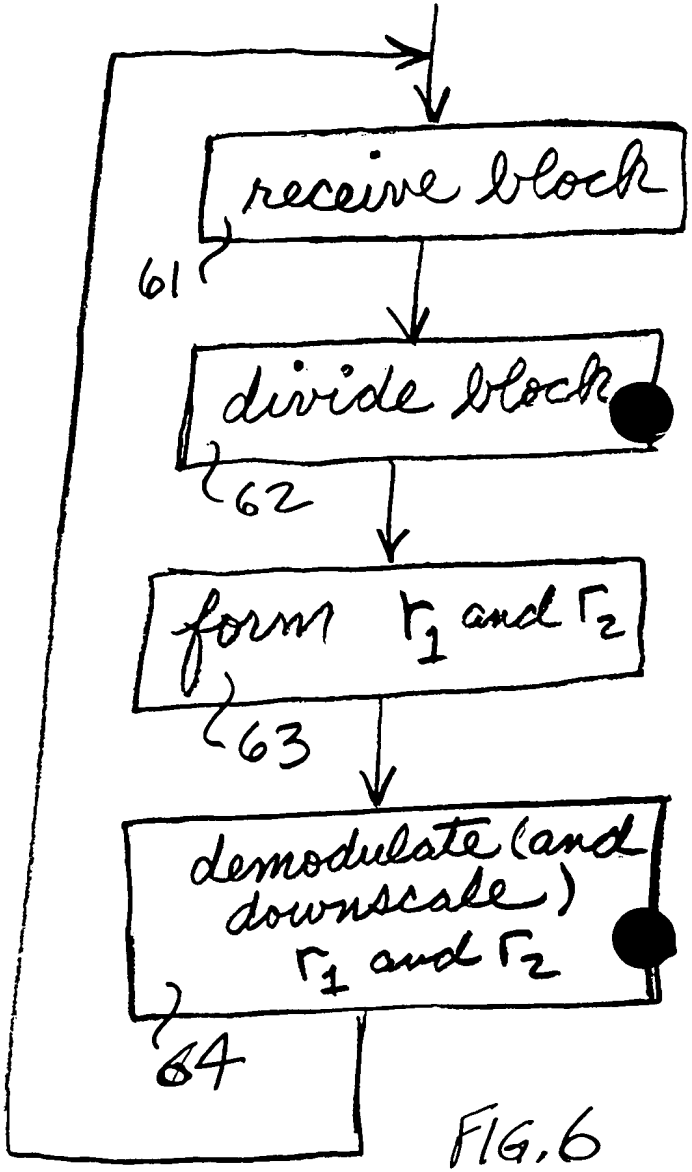

FIG. 6

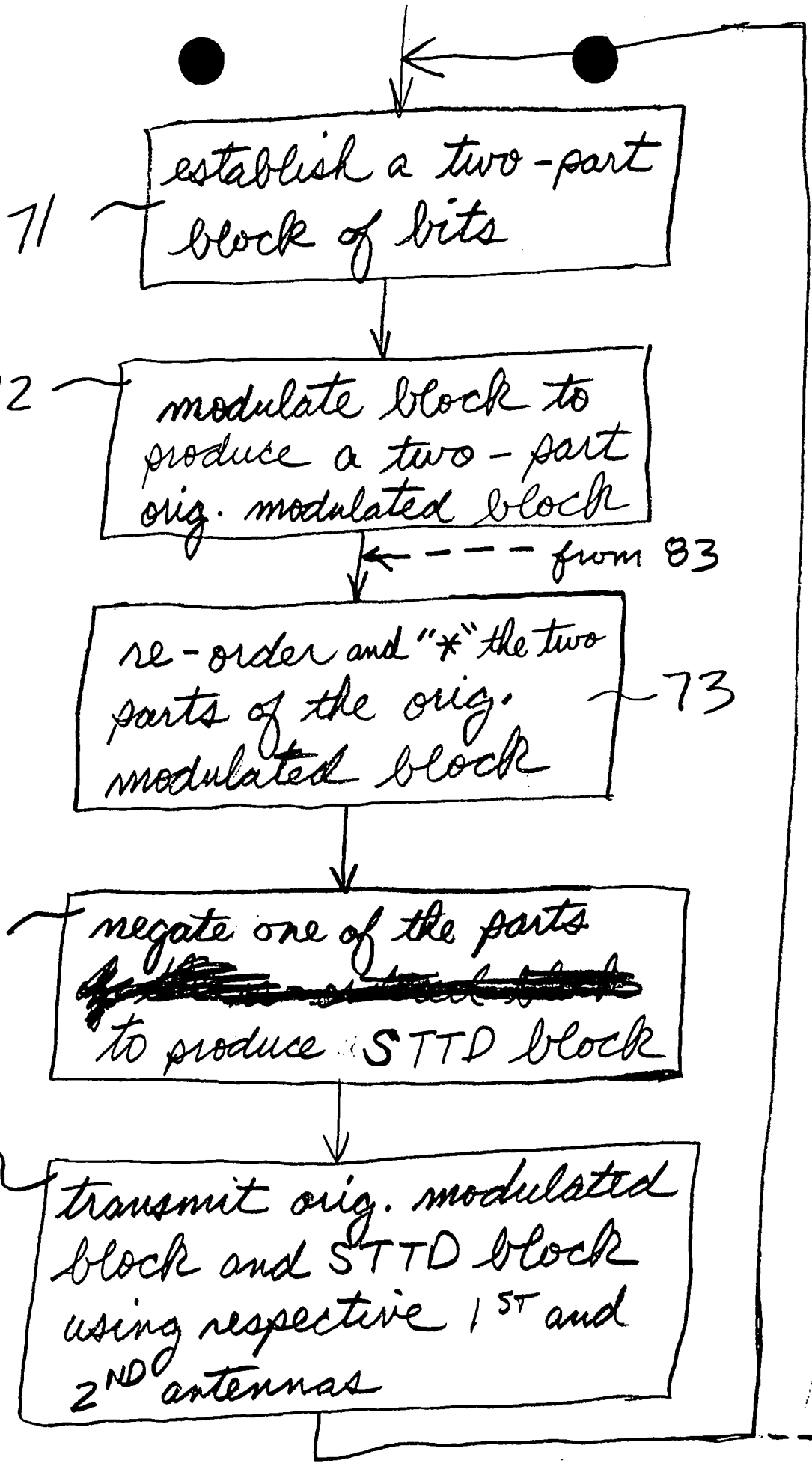
establish a two-part block of bits
71
modulate block to produce a two-part orig. modulated block
72
from 83
re-order and "*" the two parts of the orig. modulated block
73
negate one of the parts to produce STTD block
74
transmit orig. modulated block and STTD block using respective 1ST and 2ND antennas
75
to 81

FIG. 7

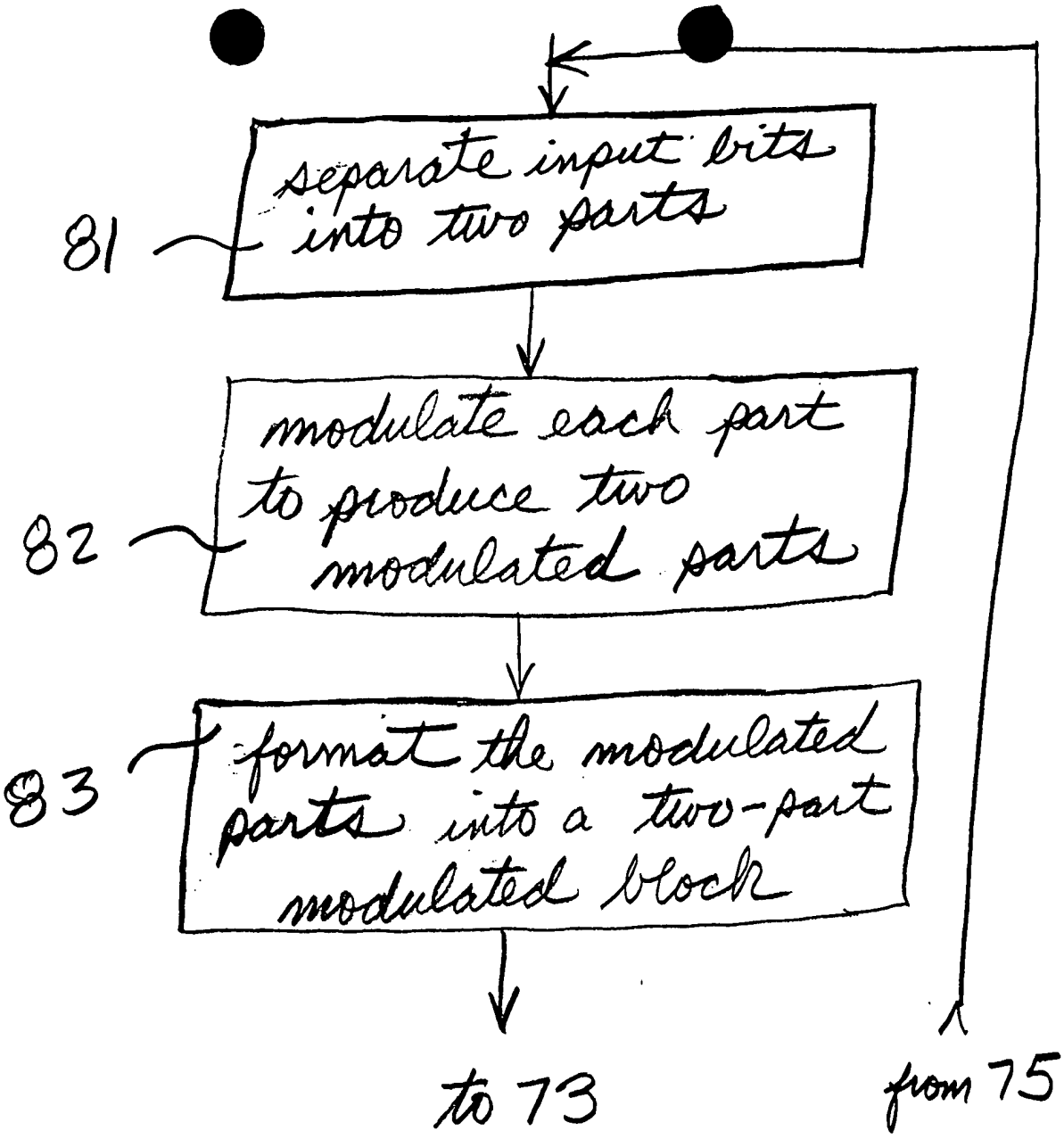
separate input bits into two parts
81
modulate each part to produce two modulated parts
82
format the modulated parts into a two-part modulated block
83
to 73
from 75

FIG. 8

09470 "09/05/00

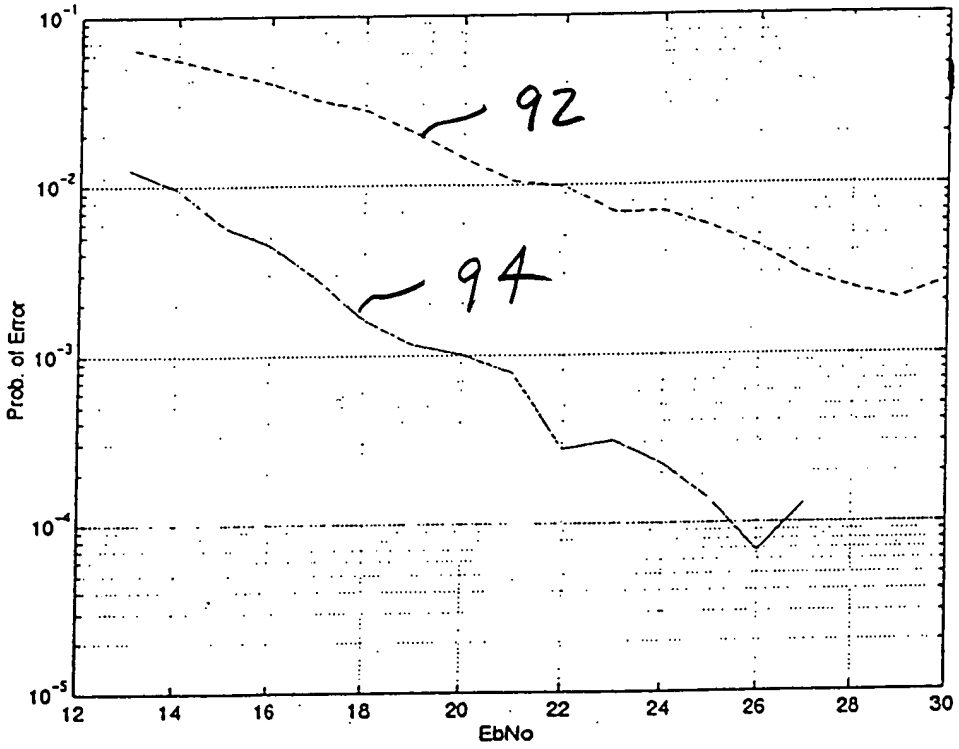

FIG. 9